### **REMARKS**

Applicants thank the Examiner for a thorough consideration of the pending application. Claims 1-21 and 23-55 are presently pending in the application. Claims 8, 19, 20, 27, 29 and 31-36 have been amended, Claim 22 has been cancelled, and Claims 44-55 have been added by this paper. Applicants respectfully request reconsideration and withdrawal of the rejections in view of the amendments and remarks contained herein.

### REJECTION UNDER 35 U.S.C. § 102

Claims 1-3, 5, 10, 15-17, 19, 22, 23, 25, 26, 29, 31, 35 and 38-43 stand rejected under 35 U.S.C. § 102(e) as being anticipated by DeLorme et al. (U.S. Pat. No. 6,321,158). This rejection is respectfully traversed.

Claims 1, 19, 29 and 35 are independent claims from which the remaining rejected claims respectively depend. Each of the independent claims, however, define over DeLorme et al. (6,321,158) because DeLorme et al. does not teach each and every element of Applicants' claimed invention.

First, the Examiner admits that DeLorme et al. does not disclose vehicle preference settings when making the §103 rejection. See Office Action mailed 7-21-03 at Page 4. Because DeLorme et al. does not teach each and every element of Applicants' independent claims, it is not properly §102 prior art. Accordingly, Applicants respectfully request reconsideration and withdrawal of the rejection.

Second, DeLorme et al. fails to disclose a data controller in communication with the microcontroller of the vehicle electronic control unit and in a PDA for transmitting user preference data from the PDA to the data controller. DeLorme et al. fails to suggest transmitting any data from the PDA to a data controller, let alone user preference data. Accordingly, DeLorme et al. does not anticipate independent Claims 1, 19, 29 and 35. Further, because the independent claims are not disclosed by DeLorme et al., the claims depending therefrom are similarly not taught. Accordingly, reconsideration and withdrawal of the rejection is respectfully requested.

The Examiner asserts that DeLorme discloses the PDA transmitting user preference data to a data controller by infrared transmission in Figure 1A1, and further that DeLorme discloses transmitting the user preference data to the data controller by infrared transmission in Figure 1A3. Applicants point out that the Examiner has not shown the limitation of a data controller in communication with the microcontroller of the electronic control unit in a vehicle, wherein the microcontroller controls accessory devices according to the user preference data. Accordingly, the figures cited by the Examiner for support of this DeLorme disclosure fail to disclose Applicants' claimed invention. Accordingly, Applicants respectfully request reconsideration and withdrawal of the rejection.

The Examiner relies on DeLorme for the disclosure of the use of the internet in Col. 7, In. 4 and Col. 8, In. 26. In each citation by the Examiner, reference is made to an IRMIS database access via the internet. The Col. 8 citation further explains that the database (internet) is accessed by a desktop computer, but may alternatively be accessed via the internet. DeLorme, however, does not teach the user preference settings input to the PDA, the PDA executing code in the PDA memory that converts the user preference settings to the user preference data transmitted from the PDA to the

electronic control unit, wherein the PDA is able to connect to a network for a receiving code to be executed when converting the user preference settings to the user preference data and wherein the network is the internet. Further, DeLorme does not disclose a processor executing code in its memory to convert the user preference settings to the user preference data transmitted from the data controller to the electronic control unit, wherein the code executed by the processor is written to the memory when received from an internet website. Accordingly, reconsideration and withdrawal of the rejections is respectfully requested.

### "ADAPTED TO"

In examining the claims, the Examiner has held that an element "adapted to" perform a function is not a positive limitation but only requires the ability to so perform. "It does not constitute a limitation in any patentable sense," according to the Examiner, who cites *In re Hutchison*, 69 USPQ 138. See Office Action mailed 7-21-2003 at Page 3.

The Examiner, however, is incorrect. Applicants kindly direct the Examiner to *In re Swinehart and Sfiligoj*, 169 USPQ 226 (CCPA 1971) (copy enclosed). The Court of Customs and Patent Appeals in *In re Swinehart* held that "functional" claims indicate nothing more than the fact that attempt is being made to define something by what it does rather than by what it is and then there is nothing intrinsically wrong with the use of such technique in drafting patent claims. The Court further stated that "any concern over the use of functional language at so-called 'point of novelty' . . . is not only

irrelevant, it is misplaced." *Id.* at 228, 229. Applicants note that the *In re Swinehart and Sfiligoj* decision supersedes *In re Hutchison*.

Applicants also direct the Examiner's attention to the Court of Customs and Patent Appeals decision in *In re Venezia*, 189 USPQ 149 (CCPA 1976) (copy enclosed), in which the Court, in addressing the use of "adapted to" language in a claim held that "[w]e see nothing wrong in defining the structures of the components of the completed connector assembly in terms of the interrelationship of the components, or the attributes they must possess, in the completed assembly." The Court found nothing indefinite in the claims and further stated, "[o]ne skilled in the art would have no difficulty determining whether or not a particular collection of components infringed the collection of the interrelated components defined by these claims." *Id.* at 152. Note also that *In re Venezia* similarly supersedes *In re Hutchison*.

Therefore, Applicants submit that the Examiner's failure to treat the adapted to limitation in a patentable sense is improper. Applicants submit that the adapted to claim language better define the attributes of the claimed structure.

#### REJECTION UNDER 35 U.S.C. § 103

Claims 6, 18, 20, 27, 30, 32, 33, 34 and 36 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over DeLorme et al. (U.S. Pat. No. 6,321,158). Applicants respectfully traverse this rejection.

The rejected claims are dependent on the independent claims addressed above and similarly define over the DeLorme et al. reference cited by the Examiner. For each of the cited claims, the Examiner has stated that it would be obvious to one of ordinary

skill in the art to provide the claimed feature. Applicants disagree and ask the Examiner to provide analogous prior art supporting the stated position.

Claims 4, 7, 21, 24 and 37 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over DeLorme et al. (U.S. Pat. No. 6,321,158) in view of Berry (U.S. Pat. No. 6,559,773). This rejection is respectfully traversed.

The rejected claims depend from independent claims that have been addressed above and similarly define over the DeLorme reference. The Examiner has cited DeLorme et al. in combination with Berry (6,559,773). Berry, however, fails to cure the deficiency cited above with respect to DeLorme et al.

Foremost, the Examiner admits that DeLorme does discuss settings for vehicle accessory devices. This supports Applicants' arguments above that DeLorme et al. fails to teach each and every element of Applicants' claimed invention, as the claimed invention requires user preference settings for vehicle accessory devices. The Examiner, however, states that Berry teaches such settings for vehicle accessory devices. Applicants point out, however, that the Examiner's reliance on Berry is misplaced, as Berry discloses control of electronic accessories with a human machine interface controller, but does not disclose transmitting user preference data from a PDA to a data controller, which transmits the user preference to the electronic control unit, wherein the microcontroller controls the accessory devices according to the user preference data. Accordingly, reconsideration and withdrawal of the rejection is respectfully requested.

ALLOWABLE SUBJECT MATTER

The Examiner states that Claims 8, 9 and 11-14 would be allowable if rewritten in

independent form. Presently, Applicants have amended Claim 8 to include the limitations

of the base claim. With respect to the remaining claims, Applicants have forgone rewriting

the claims in view of the arguments above.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly

traversed, accommodated, or rendered moot. Applicants therefore respectfully request

that the Examiner reconsider and withdraw all presently outstanding rejections. It is

believed that a full and complete response has been made to the outstanding Office

Action, and as such, the present application is in condition for allowance. Thus, prompt

and favorable consideration of this amendment is respectfully requested. If the

Examiner believes that personal communication will expedite prosecution of this

application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Dated: October 21, 2003

Respectfully submitted

By:

W. R. Duke Tay

Reg. No. 31,806

HARNESS, DICKEY & PIERCE, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600

MM:ca

169 USPQ

estimates of Tri-Wall's output, of a total of 180 billion square feet of corrugated paper board produced by the industry (Tr. 609), significantly less than 1%, some 450 million ation58 reveal that in 1968, single and double wall accounted for over 99% of the sales of corrugated board. (Tr. 583) Even including square feet, 39 was triple wall board. (Tr.

being the first to produce a stronger corrugated board container by adding a third line of single face sheet to the conventional corrugation line. As we see it, this does not constitute a patentable development, Preuss v. General Electric Co., 392 F.2d 29, 157 USPQ 177 (2d Cir. 1968), especially where, moving extant knowledge from the public domain. Continental Can Co. v. Old Dominion Box Co., 393 F.2d 321, 157 USPQ 353 At best, Tri-Wall can be credited with as here, the alleged invention involves a com-bination of elements and devices common in the prior art with the resulting danger of reion Box Co., (2d Cir. 1968).

### Conclusion

Based on the total trial record before us, we find in contemplation of law that:

1. the patent in suit teaches the "two

step" method of manufacture;
2. the plaintiff is not barred by collateral estoppel from prosecuting the pending

constituted a nonexperimental prior public use invalidating the patent in suit pursuant to 35 U.S.C. § 102; 3. the handmade unimpregnated board claims;

4. the patent in suit, "obvious at the time to 35 U.S.C. § 103. Therefore, we are constrained and do find the Tri-Wall patent, the invention was made," is invalid pursuant 3,093,224 invalid.

The Clerk of this Court is directed to enter judgment in favor of defendant Continental Can Co., Inc.

# Court of Customs and Patent Appeals

Decided Apr. 1, 1971 In re-Swinehart and Spilicoj No. 8396

### **PATENTS**

1. Claims - Functional - In general (§20.451)

"Functional" indicates nothing more than fact that attempt is being made to define something by what it does rather than by what it is, there is nothing intrinsically wrong with use of such technique in drafting patent claims.

## taims — Functional — In general (\$20.451) 2. Claims

Court sees no merit in any proposition which would require denial of claim solely because of type of language used to define subject matter for which patent protection is sought.

# 3. Claims - Functional - In general (\$20.451)

Patentability - Subject matter for patent monopoly (§51.603) Concern over use of functional language at "point of novelty" stems largely from fear that applicant will attempt to distinguish ered function or property, inherently possessed by things in prior art, does not cause claim drawn to those things to distinguish ing novelty in claimed subject matter may, in fact, be an inherent characteristic of prior art, it possesses authority to require applicant to prove that subject matter shown to be in prior art does not possess characteristic relied on. over reference by emphasizing property or function not mentioned in reference and thereby assert that his claimed subject matter is novel; such a concern is irrelevant and misplaced; mere recitation of newly discovover prior art; additionally, where Patent Office has reason to believe that functional limitation asserted to be critical for establish.

# 4. Claims — Functional — In general (§20.451)

court decision holding that there is some other ground for objecting to claim on basis There is no support, in holdings of prior ders claim improper; moreover, there is no cases or in statute, for proposition that "functional" language, in and of itself, renany language, "functional" or otherwise,

beyond what is already sanctioned by 35

69 USPO

ᄓ ŀ narrow Broad or general (§20.201) ١ 5. Claims

general Functional - In Claims — 1 (§20.451)

- In general Claims - Indefinite (\$20.551)

to provide clear-cut indication of stope of subject matter embraced by claim; this ground finds its basis in second paragraph of section 112; second is that language is so broad that it causes claim to have a potential scope of protection beyond that which is justified by specification disclosure; this ground stems from first paragraph of section 112; americs of "functional" language in claim must be tested in light of these two requirality only two basic grounds for rejecting claim under 35 U.S.C. 112; first is that lan-quage used is not precise and definite enough Assuming that applicant is claiming what regards as his invention, there are in rements alone.

# 6. Claims - Functional - In general (\$20.451)

specification; this is not to say, however, that every claim containing "functional" terminology is broad, since, in many cases, it is function; legitimate concern often exists as to whether scope of protection defined thereby "Functional" terminology may render claim quite broad; by its own literal terms, claim employing such language covers any and all embodiments which perform recited is warranted by scope of enablement indicated and provided by description contained in obvious that only a very limited group of obects will fall within intended category.

# Particular patents-Crystalline Mate-

Swinehart and Sfiligoj, Crystalline Materials, claim 24 of application allowed. Appeal from Board of Appeals of the Patent Office.

Application for patent of Carl F. Swinehart and Marko Shligoj, Serial No. 314,952, filed Oct. 9, 1963; Patent Office Group 165. From Reversed; Lane, Judge, concurring with opindecision rejecting claim 24, applicants appeal ion; Almond, Judge, dissenting with opinion.

JOHN P. HAZZARD and JAMES A. LUCAS, Cleveland, Ohio, for appellant.

S. WM. COCHRAN (JOSEPH F. NAKAMURA OF counsel) for Commissioner of Patents.

In re Swinehart and Shligor

LANE, Associate Judges, and NEWMAN, Judge, United States Customs Court, ALMOND, BALDWIN, sitting by designation. Вісн,

BALDWIN, Judge.

tion of claim 24 in appellants' application' as failing to meet the requirements of 35 U.S.C. 112. The board reversed the rejection of two on reconsideration, which affirmed the rejec-This appeal is from the decision of the Patent Office Board of Appeals, adhered to

### The Invention

other claims.

approaches maximum accommosition. In addition, and allegedly unresolidified by "conventional crystal-growing techniques," there results a multi-phase crystalline body characterized by an intimate the prior art materials, does not cleave, is resistant to thermal shock and impact and and calcium fluoride are well known in the prior art." However, appellants are apparently the first to discover that when crystalline forms of these two components are melted together in eutectic proportion and then matrix of large, visible crystals, which, unlike expectedly, these crystalline bodies "are capable of transmitting collimated light," The subject matter of the appealed claim is a composition of matter essentially made up of barium fluoride and calcium flouride in approximately cutectic proportions. The record indicates, and appellants confirm, that "[e]utectic compositions of barium fluoride approaches maximum density for the overall especially in the infrared wave range.

The appealed claim recites:

parent to infra-red rays and resistant to portion approximately eutectic, one of said components being BaF2 and the other 24. A new composition of matter, transthermal shock, the same being a solidified melt of two components present in pro being CaF2.

According to their brief, "[t]he exact point -i E00 position and that of the prior art is trans-parency."2 of novelty between appellants' claimed

se figures do not reflect Tri-Wall pro-because plaintiff does not report to the association.
34 Witness Goettsch estimated that of 586 con-34 These figures do

verting plants (operating corrugation lines) 20 man-ulacture triple wall board, and only 4-5 run three wall at least once a week. Query, how much busi-ness has the patent's revelations brought Goettsch's employer?

<sup>&#</sup>x27;Scrial No. 314,952, filed October 9, 1963, for "Crystalline Materials."

2 We observe that the term "transparent", as

indicated by its primary dictionary definition of "having the property of transmitting light without appreciable scattering so that bodies lying beyond are entirely visible," generally is taken to refer to those light waves which are visible to the human eye. The parties here seem to agree that in the

# The Grounds for Rejection

The examiner rejected claim 24 "for failing to particularly point out and distinctly claim the invention as required in 35 U.S.C. 112." His asserted reasons were as follows:

erly point out the invention. Applicants point out on page 2 of the specification, "transparent to infrared rays" is thus im-properly functional. \* \* \* It should also be noted that this claim does not require more lines 24-27 that when the components are said body is opaque. This claim in reciting Claim 24 is functional and fails to prop. merely fused and cast as an integral body than one phase.

The board agreed, adding:

erty, in view of the fact that the composi-tion of appellants' Example V (figure 3) lacks this property, yet is made of the same materials as appellants' Example I. \* \* \* This claim is not the type covered by a proper functional limitation pursuant to 35 U.S.C. 112, since the language in question does not define a means or a step, unsatisfactory material of appellants' figure 3 merely in the functional term "transparent to infrared rays." We agree with ency of the claimed material cannot be treated as an inherent, characteristic prop-Claim 24 stands rejected as improperly functional in that it distinguishes over the the examiner in this respect, as transparor a distinguishing ingredient.

### Opinion

equated with indefiniteness. They argue strenuously, however, that the disputed language here does not necessarily refer to a indefinite. Appellants have apparently conceded that "functionality" is ordinarily issue were determinative, appellants language, per se, to render the instant claim function of the recited composition or to a property. On the record produced in the Patent Office, therefore, it would appear that the single issue before us is whether the disputed language is in fact "functional". If It is fairly safe to conclude from the the board considered the use of functional would fail since we have no doubt that such language quoted alxove that the examiner and desired result but rather it defines a physical

sense of being "pervious to any specified form of radiation." Clearly the most important defining characteristic of the word, which is the same in either sense, is that the light is transmitted "with-out appreciable scattering." Ref: Webster's Third New International Dictionary (G & C Merriam Co., 1969). claim before us the term is used in its less common

language is "lunctional" at least insofar as we interpret the meaning of that term. In any event, for reasons which will become language is "functional" at least insofar

clear as this opinion progresses, we find that issue to be not only not determinative of whether claim 24 satisfies the requirements of 35 U.S.C. 112 but also irrelevant in the analysis leading up to that determination.

[1] We take the characterization "functional", as used by the Patent Office and argued by the parties, to indicate nothing more than the fact that an attempt is being made to define something (in this case, a composition) by what it does rather than by what it is (as evidenced by specific structure or material, for example). In our view, there the practical necessity for the use of functional language. See, for example, In re Halleck, 57 CCPA 954, 421 F.2d 911, 164 USPQ 647 (1970). We recognize that prior cases have is nothing intrinsically wrong with the use of such a technique in drafting patent claims.<sup>3</sup> Indeed we have even recognized in the past hinted at a possible distinction in this area depending on the criticality of the particular point at which such language might appear.

Our study of these cases has satisfied us, [3] however, that any concern over the use of functional language at the so-called point of novelly? stems largely from the fear that a reference disclosure by emphasizing a property or function which may not be an applicant will attempt to distinguish over mentioned by the reference and thereby assert that his claimed subject matter is novel. Such

<sup>3</sup>We think our views herein are in acrord with those of Congress as indicated by the language the third paragraph of 35 U.S.C. 112. Note also the discussion and authorities cited on this point in In re Peuterer, 50 CCPA 1453, 319 F.2d 259, 138 USPQ 217 (1963).

[2] \*\*The solicitor, it appears, would also treat the question of what is being defined as important. He distinguishes a case relied on by appellants as "irrelevant" since the functional term there permitted dealt with novel proportions in a composition whereas here the question is "whether novelty in structure can be precisely defined in wholly functional terms." Nevertheless, we are unable to see merit in any proposition which would require the denial of a claim wolely because of the type of language used to define the subject matter for which parent protection is sought. Insolar as the opinion in In re Fisher, 50 CCPA 1025, 307 F.2d 948, 135 USPQ 22 (1962), cited and relied on by the Patent Office here is inconsistent with the above statement, it will no longer be followed. Any doubt whether claims containing language such as that used in the Fisher case would be patentable was laid to rest last term when this court reversed the Patent Office position when the Fisher application came before us for a second time. See In re Fisher, 57 CCPA 1099, 427 F.2d 833, 166 USPQ 18 (1970).

limitation asserted to be critical for estab-lishing novelty in the claimed subject matter may, in fact, be an inherent characteristic of the prior art, it possesses the authority to require the applicant to prove that the subject matter shown to be in the prior art does not things in the prior art, does not cause a claim drawn to those things to distinguish over the prior art. Additionally, where the Patent function or property, inherently possessed by Office has reason to believe that a functional placed. In the first place, it is elementary that the mere recitation of a newly discovered a concern is not only irrelevant, it is

٨

904, 164 USPQ 642 (1970). Cf. In re Halleck, supra. The merits of the "functional" language in the claim before us must be tested in

the light of these two requirements alone.

that there is some other ground for objecting to a claim on the basis of any language, "functional" or otherwise, beyond what is already sanctioned by the provisions of 35 U.S.C. 112.5

J. S. Assuming that an applicant is claiming what he regards as his invention, there are in reality only two basic grounds for rejecting a claim under \$ 112. The first is that the possess the characteristic relied on.

[4] We are convinced that there is no support, either in the actual holdings of prior cases or in the statute, for the proposition, put forward here, that "functional" language, in and of itself, renders a claim improper. We have also found no prior decision of this or any other court which may be said to hold

language used is not precise and definite enough to provide a clear-cut indication of the scope of subject matter embraced by the claim. This ground finds its basis in the second paragraph of section 112, the rationale for which was discussed by us recently in In re Hammack, 57 CC.PA 1225, 427 F.2d 1378, 166 USPQ 204 (1970). The second is that the language is so broad that it causes the claim to have a potential scope of protection beyond that which is justified by the specification disclosure. Cf. General Electric Co. v. Wahash Appliance Corp., 304 U.S. 364, 37 USPQ 466 (1938). This ground of rejection is now recognized as stemming from the

paragraph of section 112. We need not, therefore, consider whether there are any problems with the appealed claim arising under that and all embodiments which perform the recited function. Legitimate concern often properly exists, therefore, as to whether the scope of protection defined thereby is warthe parties are concerned solely with whether the disputed language serves to define the are required by the second paragraph of secent Office that appellants are claiming more than they are entitled to claim under the first paragraph. It is clear that the arguments of subject matter for which protection is sought with the distinctness and particularity which it will be obvious that only a very limited group of objects will fall within the intended category. Such appears to be the case here, since we do not sense any concern by the Pat-[6] "Functional" terminology may render a claim quite broad. By its own literal terms ranted by the scope of enablement indicated and provided by the description contained in the specification. This is not to say, however, that every claim containing "functional" a claim employing such language covers any that every claim containing "functional" terminology is broad. Indeed, in many cases tion 112.

In the brief for the Patent Office, it has been asserted for the first time that

are not fixed by the expression "transparent to infrared rays." The expression is is not defined, and in fact does not appear, in appellant's written description of their the limits of appellant's invention clearly invention.

ponents transmits "substantially zero" collimated light in the infrared range. The other two charts indicate that when the fused mixture is "grown to form a crystal ingot", windows made therefrom transmit up to approximately 80% of infrared radiation depending on the particular wavelength of the charts depicting the percentage (as a function of wavelength) of infrared radiation transmitted through a 5mm thick "window" made from a eutectic composition of the components recited in the claim. One chart indicates The solicitor points out that, in their specifiaspect of their invention by setting out three that a fused and cast mixture of the two comcation, appellants demonstrate the

Plaintiffs cite a multitude of cases in support of the argument that this functional expression invalidates the claims. But, none of these cases holds that claims employing functional expressions to define the claimed invention are per se invalid. In all of the cases relied upon by Plaintiff the claims were disapproved because under the particular circumstances the use of functional expressions either left the description of the invention too vague or made the claim broader than the invention.

requirements of the first paragraph of 35 U.S.C. 112. See In re Robins, 57 CCPA 1321, 429 F.2d 452, 166 USPQ 552 (1970); In re Borkowski, 57 CCPA 946, 422 F.2d In re Swinehart and Shligor

<sup>&</sup>lt;sup>5</sup> Compare the following language quoted from the opinion in Locklin v. Switzer Bros., Inc., 125 USPQ 515, 519 (M.) Cal., 1959), aff'd 299 F.2d 160, I31 USPQ 294 (9th Cir. 1961):

169 USPO

solicitor argues that "transparency is a matter of degree" and complains that because the "less favorable conditions" which produce a less effective product are not specifically disradiation. What those charts also appear to indicate, however, is that the conditions used in preparing the product may affect to some extent both the percentage transmission and the band of wavelength transmitted. The closed in the specification

one would not know whether a product is "transparent to infrared rays", and therefore would infringe the claims, if the product transmits less infrared than is shown in

attack on the definiteness of the disputed language in the claim before us, we must nevertheless disagree that the claim is rendered indefinite by that language. The record before us establishes that prior art compositions are substantially opaque to infrared rays. Appellants have produced a composition which is substantially transparent to such rays. Such a composition is conceded to be novel. It is true that the figures reproduced in the specification indicate that the degree of transparency varies depending on such factors as the conditions employed in producing the crystal, the thickness of the crystal and the particular a wave length of the radiation transmitted. However, in all cases a substantial amount of infrared radiation is transmitted. We do not read appellants' disclosure as suggesting that Accepting the solicitor's argument as an only certain degrees of transparency to infra-red are comprehended within the teaching there given. It follows that when appellants claim is read in light of that disclosure the limits it purports to define are made sufficiently clear.

The decision of the board is reversed.

LANE, Judge, concurring.

concur in the result reached by the principal opinion. While I do not necessarily disagree with the conclusions about func-

tionality stated therein, I find it unnecessary in this case to make such conclusions.

Taking the language of the third paragraph of section 112 as a definition of the type of "functional" expressions which have long been troublesome in patent law, I find that such expressions are those which recite "a means or step for performing a specified function without the recital of structure, function without the recital of structure, material, or acts in support thereof." An example of what is mean by "a specified function" is found in the Supreme Court's opinion in General Electric Co. v. Wabash Appliance Corp., 304 U.S. 364, 37 USPQ

of the grains of material making up the fila-ments. The claims contained the following expression, which was relied upon for novelty: "grains of such size and contour as to prevent substantial sagging and off-setting during a normal or commercially useful life for such a lamp." Id. at 368, 37 USPQ at tion there described how to remedy those problems by regulating the size and shape ging of filaments in incandescent lamps had long been a problem in the art. The specifica-466 (1938). In that case, offsetting and sag-468. The court stated:

result, which accurately define the essential qualities of a product to one skilled in the art, may in some instances be permissible and even desirable, but a characteristic essential to novelty may not be distinguished from the old art solely by its "A limited use of terms of effect or tendency to remedy the problems in the art met by the patent.

held, under the patent law then in effect, that certain kinds of functional expressions were impermissible at the point of novelty, specifically, those wherein the recited function at 371, 37 USPQ at 469. The court thus is merely the solution of a problem in the

"black" material is one incapable of reflecting visible light. It is apparent to me that if functionality at the point of novelty is ever per se a ground for rejecting claims, it is not conclusion, many nouns and adjectives would be condemned as functional, since they define in terms of use or effect. For example, a a passageway; a "nail" is an object used to hold two pieces of material together; a art.

It cannot be the law that all functional a claimed invention from the prior art. If this is the law, and it is carried to its logical "door" is something used to close and open terms are condemned when used to distinguish always so.

that the degree of transparency might be more precisely defined. I conclude that the recita-The kind of function recited in the product claim before us—transparent to infrared rays—is a physical characteristic of the composition of matter claimed. Moreover, no one nas suggested a more distinct way of defining that composition, although it has been argued tion here is not the kind of claim functionality condemned by earlier cases but that it is a kind which is permitted.

functional or otherwise, must be definite in order to satisfy the second paragraph of 35 U.S.C. 112. I am in agreement with the It is true that all expressions in claims,

principal opinion that the expression here in issue is reasonably definite.

ALMOND, Judge, dissenting.

the claim from the prior art compositions which appellants have characterized as being only "substantially" opaque (indicating that some light may be transmitted)

Even reading the limitation "substantially transparent" into the claim, which is of questionable propriety since a claim should be opinion except the conclusion that appellants' use of the phrase "transparent to infra-red rays" in claim 34 does not make the claim accepting a dictionary definition such as "transmitting light" or "opposed to opaque" would raise the question of what there is in the mere word "transparent" to distinguish ent" or as transmitting "a substantial amount of infrared radiation." This is necessary since indefinite. The majority apparently would define "transparent" as "substantially transparagree with everything in the majority

invention with more particularity than was done here, and this is especially significant since "the exact point of novelty between appellants' claimed composition and that of given the broadest interpretation reasonable during prosecution (see In re Prater, 56 CCPA 1381, 415 F.2d 1393, 162 USPQ 541 (1969), does not in my opinion make the claim question means to me that the claim is indefinite. The second paragraph of 35 U.S.C. 112 requires that the claim point out the the prior art is transparency." Since no clear metes and bounds have been set forth, it appears to me that the solicitor was right in come "substantially transparent"? The mere fact that there is no definite answer to this stop being "substantially opaque" and bedefinite. When does a eutectic composition stating that:

ted, and one would not know whether a product is "transparent to infrared rays", and therefore would infringe the claims, if the product transmits less infrared than claimed product are not fixed as to percent transmission and band of wavelengths transmit-\* \* \* the lower limits of the is shown in Fig. 2.

would, therefore, affirm the decision of the

Court of Customs and Patent Appeals

In re Boon

231

In rc Boon

Decided Apr. 1, 197

1. Board of Appeals - In general PATENTS No. 8398

Evidence - Judicial notice (§36.20)

(§19.05)

Board's amplified reasons in support of affirmance of rejection did not constitute new additional facts, not previously in record, of which Board took notice, since, even when such facts are included, evidentiary scheme supporting Board's position does not differ ground of rejection, although reasons rely on in substance from that of examiner; addiwhich is proper for facts which are judicial noticed.

<u>ج</u> ا 2. Board of Appeals (§19.05)

Evidence - Judicial notice (\$36.20)

on to support rejection, is considered as tantamount to assertion of new ground of rejection; this is not the case where such a reference is a standard work, cited only to support a fact judicially noticed and the fact so noticed plays a minor role, serving only to fill in the gaps existing in examiner's evidentiary showing to support rejection; under such circumstances, applicant must be given opportunity to challenge correctness of fact asserted or notoriety or repute of reference cited in support of assertion; more than a bald challenge, with nothing more, is needed to warrant reopening of prosecution so that creates reasonable doubt regarding circum-stances justifying judicial notice. Ordinarily, citation by Board of new reference, such as dictionary, and reliance thereapplicant can respond; challenge to judici notice by Board must contain adequate formation or argument so that on its face

Particular patents-Air Conveyor

7, 8, 12, 15, and 16 of application refused; remanded as to claims 2, 3, 6, 9 to 11, 13 and Boon, Air Conveyor System, claims 1, 4, 5,

Appeal from Board of Appeals of the Pat-

Application for patent of William Boon, Serial No. 503,272, filed Oct. 23, 1965; Patent Office Group 313. From decision rejecting claims 1 to 16, applicant appeals

arguments, the concentration on the "inherent obviousness" of scaling up led Whether engendered by Rinehart's Rinehart and the solicitor into error.

[7] Rinehart erred in contending that the mere insertion into the claims of "commercial scale," without more, would constitute a distinguishing limitation. Though incluharm, it is clear that mere scaling up of a patentability in a claim to an old process so scaled. Moreover, absent evidence to the dicates that their processes are not effective on a commercial scale, and Rinehart consion of the phrase in the claims does no such were the case, would not establish cedes that commercial operation is implicit prior art process capable of being scaled up, contrary, nothing in Pengilly or Munro inin the reference patents.

all Kinchart had done was to add the broad "commercial scale" phrases, the board's treatment would have been correct. It could could not therefore have applied the carlier decision to them. We cannot agree. Absent the evidence in Rinchart's affidavit, use of more. He submitted substantial evidence touching the basic question of whether his Rinchart argues here that merely because the appealed claims include a "crucial limitation" to commercial quantities, they were "different claims" and that the board not have found that the mere use of commercial quantities established unobviousness of the invention as a whole. But Rinchart did commercial quantities in the processes of the references would have been obvious. If claimed process would have been obvious.

The board erred, as above indicated, in comparing the appealed claims to the earlier claims as though it had been established that the latter did in fact set forth an old or obvious process. In such comparison, the board proceeded as though the earlier claims were a kind of prior art to Rineharr were simply not at issue in this case. The and as though the earlier decision on those differences between the two sets of claims sole question is whether Rinehart's claimed process would have been obvious in view of claims was a kind of res judicata. all the evidence.

### The Evidence

The opinion of the board on the appeal involving the parent application included the following:

Appellant alleges the existence of numerous difficulties with the processes of Pengilly and Munro et al. which, he claims, are overcome by combining the features of both processes. However,

appellant's allegations are not supported

The assertion that the processes of Pengilly and Munro cannot satisfactorily be scaled up is neither challenged nor rebutted. Though mere reference to "commercial scale quantities" in the claims and affidavit does not itself establish patentability, it does It outlines the problem solved and gives dimension to Rinehart's contribution. The production. As will appear hereinbelow, the affidavit evidence also spotlights portions of establish the environment of the invention. claims must therefore be considered, and the references must be evaluated, in the light of an effort to achieve commercially effective the prior art disclosures indicating unob-[8] The evidence now of record, in our view, does support Rinehart's aflegations. viousness of the claimed process.

It is true that Pengilly and Munro both difference between the claimed process and disclose processes for polyester production by direct esteristication. Rinehari's affidavit admits that he began with an effort to that of Pengilly is the employment of employ the process of Pengilly on a commercial scale and that the only essential superatmospheric pressure.

ly. But that view of the claimed process does not end the inquiry. The question remains whether it would have been obvious, in scaling up Pengilly's process, to have employed Munro's higher pressures or in scaling up that of Munro to have employed Pengilly's which considered the claimed process as either that of Pengilly with the substitution of the superatinospheric pressure disclosed by Munro or that of Munro with the use of a preformed polyester as disclosed by Pengil-The board adopted the earlier opinion, preformed polyester.

mercial scale operation. As in 1n re Naylor, 54 CCPA 902, 369 F.2d 765, 152 USPQ 106 (1966), we find nothing in the record which would lead one of ordinary skill to anticipate from a combination of such elements, without increase in glycol-acid ratio. The record in fact reflects the contrary. The view that success would have been "inherent". different concepts. In re Spormann, 53 CCPA 1375, 363 F.2d 444, 150 USPQ 449 (1966); In re Adams, 53 CCPA 996, 356 F.2d 998, 148 USPQ 742 (1966). [9] The tribunals below did not meet the requirement of establishing some predictability of success in any attempt to combine elements of the reference processes in a comsuccessful production on a commercial scale that success would have been "inherent" cannot, in this case, substitute for a showing of reasonable expectation of success. Inherency and obviousness are entirely

Pengilly and Munro that their processes led improved reaction time would be expected if clements of those processes were combined. The evidence of record establishes, however, that reaction times of both prior processes o rapid reaction time and concluded that lengthen as the processes are scaled up. The board cited the indication in

as the evidence established, the existence of lumps of frozen polymer. That problem is nowhere alluded to in either Pengilly or teaching of higher pressures to increase reaction rate would have provided an obvious solution to the problem Rinehart encountered in scaling up the process of Pengilly. But Rinehart's problem was not the need for increased reaction rate. It was, The board held the view that Munro's Munro, and of course no suggestion of a solution appears in either reference.

The use of superatunospheric pressure in a direct esterification process was referred to in other prior patents of record. With the exception of Munro, however, each such reference cited disadvantages of its use or an inability to find it workable. Munro's disclosure of superatunospheric pressure is rendered an abstraction with respect to appellant's problem by Munro's indication of the same excess glycol requirement when a large scale operation is contemplated. Munro employs a large excess of glycol (a ratio of glycol to acid of 3:1) in his example a factor of the same excess glycol and in the example of the same capacitation is contemplated. Moreover, Pengilly suggested that superatmospheric pressure was productive of certain disadvantages, particularly the art the use of superatmospheric pressure to need for use of a "large exeess" of glycol. production. Rinehart's large scale producequimolar ratio of glycol to acid. In view of all of the evidence, we cannot agree that Munro would suggest to one skilled in the solve the problem of scaling up the process tion process is limited to a substantially of Pengilly.

Similarly, we find no suggestion in Pengil-ly or in Munro that Pengilly's preformed escome the problems encountered in scaling co-inventor with Lewis in earlier British Patent No. 776,282, was familiar with the use ter be employed in Munro's process to overup the process of Munro. Munro, as of a preformed polyester in direct esterification, yet neither Munro nor his co-inventor Maclean suggested its use with superat-We find that the Munro patent contains its [10] Absence of any suggestion in either Pengilly or Munro that features of the own solution to large scale operation, i.e., the use of excess glycol referred to above. mospheric pressure in the cited reference That solution is not employed by appellant

cial scale production of which neither is capable requires a holding that the rejection herein was improper. In re Avery, 518 F.2d 1228, 186 USPQ 161 (CCPA 1975). In view of that holding, it is unnecessary to consider Rinehart's allegations of commercial success and satisfaction of long-felt need. process of one should be combined with leatures of the other to achieve the commer-

In re Venezia

The decision of the board is reversed.

## Court of Customs and Patent Appeals In re Venezia

Decided Mar. 11, 1976 No. 75-601

# **PATENTS**

1. Claims - Indefinite - In general (§20.551)

## Construction of specification and claims - Defining terms (§22.45)

precision and particularity are 35 U.S.C. 112, second paragraph, definite; claim language calling for sleeves "adapted to be fitted" over insulating jacket imparts struc-Claims that define claimed invention's metes and bounds with reasonable degree of tural limitation to sleeve rather than merely structures of components of completed assembly may be defined in terms of interrelationship of components, or attributes directing activities to take place in future they must possess, in completed assembly.

# 2. Claims – Indefinite – Mechanical (\$20.556)

Claims reciting all essential parts of "kit" of parts that may or may not be made into completed assembly are not incomplete for failing to recite completed assembly.

# 3. Claims - Indefinite - In general (§20.551)

In re Collier, 159 USPQ 266, is inapposite terrelated component parts of "kit" so that later assembly may be effected, rather than to claims containing language precisely defining present structural attributes of indescribing activities that may or may not oc-

# 4. Double patenting - In general (§33.1) Patentability — Subject matter for patent monopoly — In general (§51.601)

Court of Customs and Patent Appeals decisions on double patenting are not

# 5. Patentability — Subject matter for patent monopoly — In general (§51.601)

Group or "kit" of interrelated parts is 35 U.S.C. 101 "manufacture," and is not excluded from patent protection.

# Particular patents - Splicing

Venezia, Method of Splicing High Voltage Shielded Cables and Splice Connector Therefor, rejection of claims 31-36 reversed.

Appeal from Patent and Trademark Office Board of Appeals.

Application for patent of J. William Venezia, Serial No. 31,500, filed Apr. 24, 1970. From decision rejecting claims 31-36, applicant appeals. Reversed.

Donald R. Dunner, and Lane, Aitken, Dunner & Ziems, both of Washington, D.C. (S. Michael Bender, North Tarrytown, N.Y., Richard A. Graig, New York, N.Y., and Arthur Jacob, Hackensack, N.J., of counsel) for appellant.

Joseph F. Nakamura (T.E. Lynch, of counsel) for Commissioner of Patents and Trademarks.

Before Markey, Chief Judge, and Rich, Baldwin, Lane, and Miller, Associate Judges.

### Lane, Judge.

This is an appeal from the decision of the Patent and Trademark Office Board of Appeals (board) affirming the rejections of claims 31 through 36 in application serial No. 31,500, filed April 24, 1970, for Method of Splicing High Voltage Shielded Cables and Splice Connector Therefor." We reverse.

### The Invention

Appellant's invention is a splice connector having interrelated parts adapted to be assembled in the field to provide a splice connection between a pair of high voltage shielded electric cables.

Appellant's application contains claims drawn to the completed connector and to the method of making the splice connection, which have been allowed by the Patent and Trademark Office. On appeal before us are claims drawn to a splice connector "kit" consisting of the parts which are used in

making the splice in their unassembled condition.

Claim 31, with our emphasis, is representative of the claims on appeal:

31. A splice connector kit having component parts capable uf being assembled in the field at the terminus of high voltage spliced electrical cables for praviding a splice connection between first and second such cables, said cables each having a conductor surrounded by an insulating jacket within a conductive shield wherein a portion of the conductive shield wherein of the conductive shield is removed to expose the insulting jacket and a portion of the insulting jacket and a portion of the insulting jacket and a portion of the insulating jacket is removed to expose the conductor at the terminus of the cable, the kit comprising the combination of:

a pair of sleeves of elastomeric material, each sleeve of said pair adaptal to be fitted over the insulating jacket of one of said cables, each said sleeve having an external surface and a resiliently dilatable internal bore for gripping the insulating jacket to increase the dielectric strength of the creep path along the insulating jacket;

electrical contact means adapted to be affixed to the terminus of each exposed conductor for joining the conductors and making an electrical connection therebetween;

a pair of retaining members adapted to be puritioned respectively between each of said sleeves fitted over the insulating jacket of each said cable and the corresponding terminus of each said cable, said retaining members each having means cooperatively associated therewith for maintaining each said member's position relative to the insulating jacket on each said cable and for precluding axial movement of the sleeve toward the corresponding terminus of each said cable; and

of each said cable, and a housing, said housing having an internal bore extending therethrough from end to end, said housing including portions adjacent each end thereof defining said internal bore and being resiliently dilatable whereby said housing may be slideably positioned over one of said cables and the tildeably repositioned over said sleeves, said retaining members, and said contact means when said sleeves, and retaining members, and said contact means when said sleeves, and retaining members, and said contact means when said sleeves, and said cables as hereinaforesaid, said resliently dilatable portions of said housing external surface of each said sleeve in watertight sealing relationship therewith and said housing having a further portion intermediate its ends defining said internal bore and forming a sealed chamber

enclosing at least said contact means and the exposed portions of said cable conductors when said housing is in its repositioned hordium.

In re Venezia

### The Rejections

Claims 31-36 were rejected under 35 USC 112, second paragraph, as indefinite and incomplete in not defining a completed article of manufacture. The examiner particularly relied on In re Collier, 55 CCPA 1280, 397 F.2d 1003, 158 USPQ 266 (1968), as support for this rejection.

Claims 31-36 were additionally rejected under 35 USC 101 because they were drawn to a plurality of separately and discretely listed and defined manufactures instead of a manufacture.

### The Buard

The board at first unanimously sustained both of the above rejections. With respect to the section 112 rejection it stated:

In the Collier case, the two elements [see bracketed elements [1] and [2] of Collier claim 17, infra] recited specifically in the claims there under consideration were described in terms of intended uses and eapability, and the like. The Court said:

"We agree with the Board, however, that the claim does not positively recite structural relationships of the two elements, identified as (1) and (2) above, in its recitation of what may or may not occur. In this sense it fails to comply with section 112, [second paragraph] In [sief failing distinctly to claim what appellant in his brief insists is his actual invention."

An inspection of the claims here under consideration, see for example claim 31 above, discloses a similar situation. Although the preamble refers to the structure as a "kit", the elements are recited without present cooperation. The language is fuuristic and conditional in character, thus, a pair of sleeves to be fitted - electrical contact means - to be affixed - a pair of retaining numbers [sic, members] - to be positioned - a housing - may be slideably positioned - slideably repositioned - when said sleeves are assembled on said cables - when said housing is in its repositioned location.

From the above it is clear that the language of the claim taken as an example is directed to assembly to take place in the future. No present positive structural relationships are recited.

In affirming the section 101 rejection the board stated:

[Appellant] urges that the elements of his claimed combination are "joined together in a kit of component parts". Such joining as may be recited in the claims, as we have pointed out above in connection with the rejection under 35 USC 112, relates to matters which may take place in the future. No present coaction is recited. The presence of the word "kit" in the presence of the word "kit" in the preamble, we do not think fairly links the elements separately recited in the claims. Appellant has referred to no language in the claims which would support such "joining" and we know of none. [Emphasis in original.]

P

In a subsequent decision, upon reconsideration, one of the board members disserted, finding that appellant had distinctly claimed what he regarded as his invention under section 112. The dissenting member of the board also found that it was not fatal under section 101 that the cooperation of the claimed elements was recited as occurring at a future time.

This posture of the board remained intact following a third opinion rendered after a second request for reconsideration by appellant.

### Opinion

## Section 112 Rejection

[1] We have reviewed the disputed claims and in particular the language criticized by the examiner and the board. We conclude that the claims do define the metes and bounds of the claims do define the pare, therefore, definite as required by the 'second paragraph of section 112. In re Conley, 490 F.2d 972, 180 USPQ 454 (CCPA 1974); In re Willer, 58 CCPA 1182, 441 F.2d 689, 169 USPQ 642 (1970). As we view these claims, they precisely define a group or "kit" of interrelated parts. These interrelated parts may or may not be later assembled to form a completed connector. But what may or may not happen in the future is not a part of the claimed invention. The claimed invention does include present structural limitations on each part, which structural limitations are defined by how the parts are to be interconnected in the final assembly, if assembled. However, this is not to say that there is anything futuristic or conditional in the "kit" of parts itself. For example, paragraph two of claim 31 calls for "a pair of steves " \* \* each sleeve of said pair adapted to be fitted over the insulating jacket of one of said cables." Rather than being a mere direction

desired. Again, a present structural configuration for the housing is defined in accordance with how the housing interrelates with the other structures in the completed assembly. We see nothing wrong in defining the structures of the components of the completed connector assembly in terms of the attributed the structures of the components, or the interpretationship of the components, or the interpretationship of the completed assembly. More particularly, we find nothing indefinite in these claims. One skilled in the art would have no difficulty determining whether or not a particular, collection of interrelated components infininged, the collection of interrelated components defined by these claims. In re Miller, supra. paragraphs of the claim. The last paragraph of claim 31 contains additional language criticized by the board, including "may be slideably positioned," "slideably repositioned," "when said sleeves \* \* are assembled," and "when said housing is in its repositioned location." However, this language also defines present structures or attributes of the part of the "kit" identified as the housing, which limits the structure of the housing to those configurations which allow for the completed connector assembly language imparts a structural limitation to the sleeve. Each sleeve is so structured or sulating jacket of a cable. A similar situation exists with respect to the "adapted to be af-fixed" and "adapted to be positioned" limitations in the third and fourth of activities to take place in the future, this dimensioned that it can be fitted over the in-

ting appellant's claims for being incomplete vin failing to recite a completed assembly. Appellant's invention is a "kit" of parts which may or may not be made into a completed assembly. Since all of the essential parts of the "kit" are recited in the claims, there is no basis for holding the claims in-[2] We also fail to see any basis for rejeccomplete.

tion 112 rejection without discussing In re Collier, supra, relied on by both the exection. In Collier we were confronted by the We cannot leave our discussion of the secaminer and the board as support for this reiollowing claim:

a connector member for engaging shield means of a coaxial cable means, ๙ said connector member comprising a 17. For use in a ground connection, [1] substantially rectangular piece of metal formed into trough form to define

a series of perforations disposed therein toward the axis of the ferrule-ferrule-forming member, said ferrule-forming member having forming member and defining inwardly

directed frusto-conical projections havjagged edges defining lances converging toward their tips.

said ferrule-forming member being crimpable onto said shield means with said

lances keying into said shield means without penetrating insulation means disposed thereunder, [2] and ground wire means for disposition between said ferrule-forming member and said shield means upon the ferrule-forming member being crimped onto the shield means,

in a series of bights around respective perforations to effect serpentine form when said ferrule-forming member is crimped onto said shield means. [55 CCPA at 1281-82, 397 F.2d at 1004-05, 178 USPQ at 267. (Emphasis and brackets in said ground wire means being displaced original opinion).

limitations. However, we found that the claim did not positively recite any structural relationship between the two elements identified as [1] and [2], in its recitation of what may or may not occur. We concluded that the claim failed to comply with section 112, second paragraph, in "failing distinctly to claim what appellant in his brief insists is his actual invention." In Collier appellant argued that we were regard the italicized portions of claim 17 tures which would result upon the perforabout intended uses, capabilities, and strucmance of future acts, as positive structura

occur, serves to precisely define present structural attributes of interrelated compo-nent parts of the "kit," such that a later assembly of the "kit" of parts may be effected. Thus, we find In re Collier inapwhether appellant is claiming what he regards as his invention. Moreover, although the claims before us contain some language which can be labeled "conditional," this language, rather than describing activities which may or may not [3] There is no issue in this case of posite to the claims presently before us.

### Section 101 Rejection

and useful process, machine, manufac-ture, or composition of matter \* \* \* may obtain a patent therefor \* \* \*. Whoever invents or discovers any new 35 USC 101 provides in pertinent part:

Both the examiner and the board construct the language "any \* \* \* manufacture" as excluding from its ambit claims dawn to a "kit" of parts, reasoning that a "kit" would be a plurality of separate manufactures, not a single manufacture.

ventor may obtain only one patent on a single invention, show that this court has interpreted portions of section 101 in the singular. From this he reasons that the word "manufacture" in section 101 is to be He argues, however, that double patenting decisions by this court, holding that an in-The solicitor in his brief recognizes that past issued patents containing similar claims drawn to "kits" of interrelated parts. the Patent and Trademark Office has in the similarly interpreted.

[4] We do not find our decisions on double patenting to be applicable to an interpretation of the words "any manufacture" in section 101. Suffice it to say that the two situations are totally dissimilar. In the secpatenting cases, all we were construing was tion 101 "same invention" type double the phrase "a patent therefor."

by the board or the solicitor, to support the narrow construction which the Patent and Trademark Office now seeks to impose on the words "any manufacture" in section No other authority has been cited, either

any invention from patent protection merely because it is a group or "kit" of interrelated parts. We therefore hold that a group or "kit" of interrelated parts is a "manufacture" as that term is used in section 101. [5] We do not believe the words in question are to be so narrowly construed. To hold that the words "any manufacture" exclude from their meaning groups or "kits" of interrelated parts would have the practical effect of not only excluding from patent protection those "kit" inventions which are capable of being claimed as a final assembly vertions such as building blocks, construc-tion sets, games, etc., which are incapable of being claimed as a final assembly. We do not believe Congress intended to exclude (e.g., a splice connector), but also many in-

Accordingly, the decision of the board is

Patent and Trademark Office Trademark **Frial and Appeal Board** 

In re The Cyclone Seeder Co., Inc. Released Dec. 19, 1975 Decided Oct. 20, 1975

### TRADEMARKS

- How deter-1. Identity and similarity — How determined — Dominant feature (§67.4065)

Identity and similarity - Words Simílar (§67.4117)

"Cyclone Speedy Spreader," "Spreader" being disclaimed, with "Cyclone" modifying "Speedy" and suggesting enormous speed, "Cyclone Speedy Spreader" for broadcast spreader/seeder so resembles "Speedy" for corn cribs, power operated agricultural insecticide sprayers, corn shredders, and row crop shields that confu-"Speedy" is determining element in Oyclone Speedy Spreader," "Spreader" sion is likely.

Appeal from Examiner of Trademarks.

Application for registration of trademark of The Cyclone Seeder Co., Inc., Serial No. 439,884. From decision refusing registration, applicant appeals. Affirmed.

Oltsch & Knoblock, South Bend, Ind., for applicant.

Before Lefkowitz and Bogorad, Members, and Rice, Acting Member.

Bogorad, Member.

An application has been filed by The Cyclone Seeder Co., Inc. to register the mark "CYCLONE SPEEDY SPREADER", the word "SPREADER" being disclaimed, for broadcast spreader/seeder.

goods specified in its application so resembles the previously registered mark "SPEEDY" for corn cribs, power operated agricultural insecticide sprayers, corn shredders and row crop shields for use on cultivators as to be likely to cause confusion or mistake or to deceive. Registration has been refused under Section  $\bar{2}(d)$  of the Act of 1946 on the ground that applicant's mark as applied

struction set.

<sup>15</sup> received. 'There are copies of several patents in the record which contain "kit" claims exemplifying this prior practice, including patent No. 3.108.803, claiming a basketball goal set kit, patent No. 3.041,778, claiming a puppet kit, patent No. 1,974,838, claiming a toy construction set, and patent No. 3,55,837, also claiming a toy con-

<sup>&#</sup>x27; Reg. No. 680,737 issued June 23, 1959, affidavit under Sec. 8 accepted, affidavit under Sec.